

A029 Data Transport Service

A29. DATA TRANSPORT SERVICE

CONTENTS

A29.1	Derived Data Channel Service	1	
A29.1.1	General	1	
A29.1.2	Regulations	1	
A29.1.3	Rates and Charges	1.0.2	
A29.2	Data Transport Access Channel Service	1.0.3	
A29.2.1	General	1.0.3	
A29.2.2	Regulations	1.0.4	
A29.2.3	Rates And Charges	1.3	
A29.3	Reserved For Future Use	1.4	
A29.4	(Deleted)	1.4	(D)
A29.5	PulseLink® Public Packet Switching Network (PPSN) Service	6	
A29.5.1	General	6	
A29.5.2	Regulations	6.1	
A29.5.3	Rates And Charges	6.6	
A29.6	AccuPulse* Service	7	
A29.6.1	General	7	
A29.6.2	Regulations	7	
A29.6.3	Rates And Charges	9	
A29.7	Administrative Management Service (AMS)	10	
A29.7.1	Description of Service	10	
A29.7.2	Explanation of Terms	11	
A29.7.3	Regulations	11	
A29.7.4	Application of Rates	12	
A29.7.5	Connections	15	
A29.7.6	Rates and Charges	15	

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PURSUANT TO 207 KAR 5.011,
SECTION 9 (1)
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A29. DATA TRANSPORT SERVICE

A29.1 Derived Data Channel Service

A29.1.1 General

- A. Derived Data Channel Service (DDCS) provides full-duplex asynchronous or synchronous data transmission utilizing data over voice and subrate multiplexing technology. A derived data channel is provided between a customer's premises and that customer's serving central office. A subrate multiplexed interface is provided in the serving central office for multiplexing multiple derived data channels into a single interface. A transport facility is provided for interconnection of the subrate multiplexed interface to a Company provided data service or to data services provided by others. (N)
- B. The regulations and rates specified herein are in addition to the applicable regulations and rates specified in other sections of this Tariff. (N)
- C. DDCS is offered for intraLATA use only. (N)

A29.1.2 Regulations

A. Explanation of Terms

- 1. Asynchronous Transmission - Transmission in which time intervals between transmitted characters may be of unequal length but time intervals between bits within a character are fixed. Transmission is controlled by start and stop elements (bits) at the beginning and end of each character. (N)
- 2. Derived Data Channel - A data channel derived from a local exchange facility utilizing data/voice multiplexing (DVM) equipment. A derived data channel is provided between a customer's premises and that customer's serving central office. (N)
- 3. DS0-B Interface - A central office subrate multiplexed interface that provides a 4-wire DS0 output signal conforming to the standard DDS (Digital Data System) signal formats (i.e., 2.4 Kbps, 4.8 Kbps, or 9.6 Kbps). (N)
- 4. DS0-B Transport Facility - Local access and interoffice facilities utilized to interconnect the DS0-B interface to a Company provided data service or to data services provided by others. (N)
- 5. Subrate Multiplexing - The process for separating a 64 Kbps DS0 signal into individual channel groups of lower transmission speeds (i.e., twenty channels at 2.4 Kbps, ten channels at 4.8 Kbps, five channels at 9.6 Kbps, or one channel at 56 Kbps). (N)
- 6. Synchronous Transmission - Transmission of data based upon a timing mechanism in which data is transmitted at fixed intervals. (N)

B. Basis of Offering

- 1. A derived data channel provides full-duplex asynchronous or synchronous data transmission at the speed of 2.4 Kbps over a compatible two-wire facility. (N)
- 2. The central office DVM termination provides subrate multiplexing into a standard DS0-B interface for a group composed of a maximum of twenty derived data channels. (N)
- 3. The customer's derived data channel must be associated with a DS0-B interface. This association requires coordination between the subscriber of the derived data channel and the subscriber of the DS0-B interface. (N)
- 4. DDCS can be interconnected to compatible Company provided data services (e.g., PulseLink® Public Packet Switching Network (PPSN) service) or to data services provided by others. (N)

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TELEPHONE COMPANY
KENTUCKY
ISSUED: August 2, 1995
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A29. DATA TRANSPORT SERVICE

A29.1 Derived Data Channel Service (Cont'd)

A29.1.2 Regulations (Cont'd)

B. Basis of Offering (Cont'd)

5. DDCS is provided under the following terms and conditions.
 - a. The customer will be responsible for selecting his own Customer Premises Equipment (CPE). Customer provided terminal equipment must be compatible with the Company provided terminating equipment at the central office. Network interface specifications are contained in BellSouth Technical Reference Publication 73548 for DVM equipment and BellSouth Technical Reference Publication 73548, Addendum 1, for access to a DS0-B interface. These publications are available from the Information Exchange Manager, BellSouth Telecommunications, Inc., Documentations Operations, North W5A1, 3535 Colonnade Parkway, Birmingham, Alabama 35243.
 - b. The customer will be responsible for installation, maintenance and testing of CPE.
 - c. The customer must be prepared to activate his portion of service in a timely manner as mutually agreed with the Company. If joint testing is required, each party must be prepared to test on the negotiated date.
 - d. The Company reserves the right to change its equipment vendors should equipment availability, price or technological advantages make such a change attractive or necessary.
 - e. The Company will notify the customer, generally a minimum of six months in advance, of any need to change its central office equipment to allow the customer sufficient time to respond, make any necessary changes in his equipment, and schedule cooperative testing for cutover if required.
 - f. Company dispatches to customer premises caused by CPE trouble will be handled in accordance with standard Company procedures. The Company does not assume responsibility for the compatibility or suitability of CPE.
6. DDCS is provided subject to the availability of appropriate network facilities and equipment.
7. The minimum service period for a derived data channel is twelve months. In the event service is discontinued at the customer's request within the minimum service period, a termination charge is applicable as of the date service is terminated. This charge is equal to the number of months remaining in the service period times the monthly rate for a derived data channel. The minimum service period for the other DDCS tariff elements is one month.
8. Suspension of service is not allowed.

C. Application of Rates

1. The derived data channel charges provide the central office DVM terminating equipment. The customer must also subscribe to a compatible two-wire exchange line (e.g., business exchange line, *Centrex Type* Services main station line). This two-wire exchange line charge and its associated rates and charges are in addition to the derived data channel rates and charges.
2. The DS0-B interface charge is applicable for each group of a maximum of twenty multiplexed derived data channels. Each of the twenty channels in a DS0-B interface channel group operates at a bit rate of 2.4 Kbps.

(C)

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A29. DATA TRANSPORT SERVICE

A29.1 Derived Data Channel Service (Cont'd)

A29.1.2 Regulations (Cont'd)

C. Application of Rates (Cont'd)

3. The DS0-B transport facility is required with each subscription to a DS0-B interface. This facility is available for use with DDCS only. (N)
4. Nonrecurring charges specified herein include the service ordering and installation charges. (N)
5. Derived Data Channel Service is available on a month-to-month basis or under contract plan periods of twenty-four to forty-two months and forty-three to sixty months. The following conditions apply for the contract plans: (N)
 - a. Rates under contract plans will not be increased by Company initiative until the contract period expires. Rates in effect at the time the service is installed and/or as of the service order application date, will be applicable until the contract expires. At the expiration date of the customer's contract plan option, the customer may select a new contract option at the current rates or revert to current rates on a month-to-month basis. (N)
 - b. A termination charge is applicable at the date of termination if the customer disconnects the service prior to fulfilling the period of the contract plan. The applicable charge is dependent on the contract period subscribed to and will be equal to the number of months remaining in the contract period times the monthly rate provided under contract. (N)

A29.1.3 Rates and Charges

A. Derived Data Channel Service

1. Derived Data Channel

	Nonrecurring Charge	Month to Month	24 to 42 Months	43 to 60 Months	USOC	
(a) Per channel at 2.4 Kbps	\$248.00	\$17.00	\$13.50	\$11.00	DAXPC	(N)
2. DS0-B Interface						(N)
(a) Per group of twenty channels at 2.4 Kbps each	120.00	80.00	75.00	72.00	DAXP1	(N)
3. DS0-B Transport Facility						(N)
(a) Per group of twenty channels at 2.4 Kbps each	224.00	70.00	55.00	45.00	DAXP2	(N)

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A29. DATA TRANSPORT SERVICE

A29.1 Derived Data Channel Service (Cont'd)

A29.1.3 Rates and Charges(Cont'd)

B. Move Charges

1. Moves

- a. A move involves a change in the physical location of one of the following:

- (1) The point of interface at the customer premises.
- (2) The customer's premises.

- b. The charges for the move are dependent on whether the move is to a new location within the same building or to a different building.

(1) Moves Within the Same Building

When the move is to a new location within the same building, the charge for the move will be an amount equal to one-half the nonrecurring charge for the affected service termination at the customer's premises.

(2) To a Different Building

Moves to a different building will be treated as a discontinuance and start of service and all associated nonrecurring charges will apply. However, DDCCS will be provided at the new location subject to the availability of appropriate network facilities/equipment and subject to meeting DDCCS technical specifications.

A29.2 Data Transport Access Channel Service

A29.2.1 General

- A. Data Transport Access Channel Service provides the data channel facilities between a customer's premises and a central office or between two central offices for access to Company provided central office data switched services or to other Enhanced Services, or for connection to other Company provided channel services. These services may also be utilized between two Enhanced Service Providers.
- B. The regulations and rates specified herein are in addition to the applicable regulations and rates specified in other sections of this and other tariffs of the Company.
- C. Channel services provided under the provisions of this Tariff section are offered for intraLATA use only and may not be used in connection with Switched Access Service offered under the Access Services Tariff.

A29.2.2 Regulations

A. Explanation Of Terms

1. Analog - Transmission employing variable and continuous waveforms to represent information values, where interpretation by the receiver is an estimated approximation (quantization) of the encoded value.
2. Enhanced Service - The term "enhanced service" shall refer to services, offered by using common carrier transmission facilities, which employ computer processing applications that act on the format, content, code, protocol or similar aspects of the subscriber's transmitted information; provide the subscriber additional, different or restructured information; or involve subscriber interaction with stored information.

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A29. DATA TRANSPORT SERVICE

A29.2 Data Transport Access Channel Service (Cont'd)

A29.2.2 Regulations (Cont'd)

A. Explanation Of Terms (Cont'd)

3. Enhanced Service Provider (ESP) - The term "Enhanced Service Provider" (ESP) denotes a customer that provides enhanced services that may use the Company's transmission facilities. A customer shall be classified as an enhanced service provider only with respect to those basic services which are utilized for provision of enhanced service. (M)
4. Digital - Referring to communications procedures, techniques and equipment where information is encoded as either a binary "1" or "0"; the representation of information in discrete binary form, discontinuous in time, as opposed to the analog representation of information in variable, but continuous, waveforms. (M)
5. Terminating Central Office - The central office or wire center where a Data Transport Access Channel terminates in order to access an interface to a Company provided central office switched data service or data transport service, or to access another compatible Data Transport Access Channel or other compatible channel services offered in this and other tariffs of the Company. (M)

B. Basis Of Offering

1. Data Transport Access Channels are provided for analog voice-grade or digital data transmission and are intended to be utilized with Company central office data switched services, other Company provided channel services or with Enhanced Services provided by others. (M)
2. These services are provisioned on a link basis from A29.2.3 of this Tariff and Section B3. and B7.2 of the Private Line Services Tariff. (M)
3. The basic access channel charge includes the access facility only. Data Terminating Equipment (DTE) may be required at the customer's premises and/or terminating central office depending on the type of service associated with the channel. (M)

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A29. DATA TRANSPORT SERVICE

A29.2 Data Transport Access Channel Service (Cont'd)

A29.2.2 Regulations (Cont'd)

B. Basis Of Offering (Cont'd)

4. (DELETED) (D)
5. An optional data set termination is provided at the central office. Central office data sets will be provided under the following terms and conditions: (C)
 - a. The Company will provide the customer with details of the type and manufacturer of central office data set equipment to be used in each application. (C)
 - b. The customer will be responsible for selecting his own Customer Premises Equipment (CPE). Customer provided terminal equipment must be compatible with the Company provided data set at the central office. When used with PulseLink® PPSN service, the equipment must comply with the requirements of the PulseLink® PPSN service interface specifications as outlined in the Bell System Technical Reference Publication 73516, Issue B. This publication is available from, BellSouth Telecommunications, Inc., Corporate Library, 3535 Colonnade Pkwy., North NHI, Birmingham, Alabama, 35243 (C)
 - c. The Company will limit its selection of central office equipment to avoid operational and administrative difficulties associated with a multi-vendor central office environment.
 - d. The Company reserves the right to change its equipment vendors should equipment availability, price or technological advantages make such a change attractive or necessary.
 - e. The Company will notify the customer, generally a minimum of six months in advance, of any need to change its central office equipment to allow the customer sufficient time to respond, make any necessary changes in his equipment and schedule cooperative testing for cutover if required.
 - f. The customer will be responsible for installation, maintenance and testing of customer provided terminal equipment.
 - g. The customer must be prepared to activate his portion of joint service in a timely manner as mutually agreed with the Company. If joint testing is required, each party must be prepared to test on the negotiated date.
 - h. Company dispatches to customer premises caused by CPE troubles will be handled in accordance with standard Company procedures. Charges equal to the Trouble Determination Charge will apply as appropriate. The Company does not assume responsibility for the compatibility or suitability of the customer's equipment.
6. The Service Connection Charges specified herein are in lieu of the Service Charges specified in Section A4. of this Tariff except as noted.
7. Data Transport Access Channels are furnished for service 7 days per week, 24 hours per day, for a minimum period of one month.

C. Types And Descriptions

1. Dial Access Channel Service

- a. Provides central office line equipment and facilities in a terminating central office for calls between the local exchange network and a Company provided data switched service or for connection to a direct access analog channel service.
- b. Grouping *service* may be selected with Dial Access Channel Service. (T)

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Pursuant to 807 KAR 5:011, Section 9(1)
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PUBLIC SERVICE COMMISSION OF KY.

A29. DATA TRANSPORT SERVICE

A29.2 Data Transport Access Channel Service (Cont'd)

A29.2.2 Regulations (Cont'd)

C. Types And Descriptions (Cont'd)

2. Direct Access Channel Service

a. Analog Channel Service

- (1) Provides half duplex or full duplex data transmission at speeds up to **9.6 Kbps**, on a link basis from Section B3. of the Private Line Services Tariff. (T)
- (2) All regulations, charges and specifications apply as stated in Section B3. of the Private Line Services Tariff.

b. Digital Channel Service

- (1) Provides simultaneous two-way digital data transmission at synchronous speeds of 2.4, 4.8, 9.6 or 56 kbps, on a link basis from B7.2 of the Private Line Services Tariff.
- (2) All regulations, charges and specifications apply as stated in B7.2 of the Private Line Services Tariff.

3. (DELETED) (D)

D. Application Of Rates

1. Dial Access Channels

- a. Dial Access Channel Service always requires a Dial Access Line. One Dial Access Line is required for each line arranged in a multiline group.

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Phyllis Tanner

PUBLIC UTILITIES COMMISSION OF KY

A29. DATA TRANSPORT SERVICE

A29.2 Data Transport Access Channel Service (Cont'd)

A29.2.2 Regulations (Cont'd)

D. Application Of Rates (Cont'd)

1. Dial Access Channels (Cont'd)

- b. Dial Access Lines arranged in multiline groups which would allow an incoming call to a line that is called to be completed over another line by means of central office equipment will require the appropriate Grouping Service charges. These Grouping Service charges apply as specified in A3.19 of this Tariff for a flat rate individual business line.

2. Central Office Data Set

- a. This option connects an Access Channel to a data set at a terminating central office. Several types of data set connections are provided according to the type of associated Access Channel and transmission speed desired by the customer.
- b. The 2.4 Kbps Dial Central Office Data Set shown in A29.2.3.B.1(b) following is capable of transmitting/receiving a data signal at the speed of 2.4 Kbps. It also has an autobaud detection feature which allows it to adapt its speed to the speed of the call originating customer premises data set. In this autobaud mode this data set functions at 2400/1200/300 bps. When this data set is used with PulseLink® service, a 2.4 Kbps Access Port is required as specified in A29.5 following. (T)
- c. The 9.6 Kbps Dial Central Office Data Set Shown in A29.2.3.B.1(c) following is capable of transmitting/receiving a data signal at the speed of 9.6 Kbps. It also has an autobaud detection feature which allows it to adapt its speed to the speed of the call originating customer premises data set. In this autobaud mode this data set functions at 9600/2400/1200/300 bps. When this data set is used with PulseLink® service, a 9.6 Kbps Access Port is required as specified in A29.5 following. (N)

A29.2.3 Rates And Charges

A. Dial Access Channel Service

1. Dial Access Line

	Nonrecurring Charge	Monthly Rate	USOC	
(a) Per line ¹	\$65.00	\$-	1DCVX	(C)

B. Central Office Data Set

1. For Dial Access Channel Service

(a) Transmission Speeds 300/1200 bps	-	26.00	PWD31	
(b) Transmission Speed 2.4 Kps	-	28.00	PWD24	(T)
(c) Transmission Speed 9.6 Kbps	-	39.00	PWD96	(N)

2. For Direct Access Channel Service - Analog

(a) Transmission Speed 1.2 kbps	-	24.00	PWJ12	
(b) Transmission Speed 2.4 kbps	-	28.00	PWJ24	
(c) Transmission Speed 4.8 kbps	-	58.00	PWJ48	
(d) Transmission Speed 9.6 kbps	-	54.25	PWJ9+	(T)

3. For Direct Access Channel Service - Digital

(a) Transmission Speed 2.4 kbps	-	28.00	PWP24	
(b) Transmission Speed 4.8 kbps	-	28.00	PWP48	
(c) Transmission Speed 9.6 kbps	-	28.00	PWP96	
(d) Transmission Speed 56.0 kbps	-	30.00	PWP56	

Note 1: The monthly rate for a Dial Access Line applies as specified in A3.7 of this Tariff for a flat rate individual business line.

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A29. DATA TRANSPORT SERVICE

A29.2 Data Transport Access Channel Service (Cont'd)

A29.2.3 Rates And Charges (Cont'd)

C. Moves and Changes

1. Any change to an existing service at the customer's request will be treated as a new request and all applicable nonrecurring charges will apply.

(T)

A29.3 Reserved For Future Use

A29.4 (Deleted)

(D)

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A29. DATA TRANSPORT SERVICE

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A29. DATA TRANSPORT SERVICE

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A29. DATA TRANSPORT SERVICE

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A29. DATA TRANSPORT SERVICE

A29.4 (Deleted) (Cont'd)

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A29.5 PulseLink® Public Packet Switching Network (PPSN) Service

A29.5.1 General

- A. PulseLink® Public Packet Switching Network (PPSN) service is a data transport service based on CCITT (Consultative Committee on International Telegraph and Telephony) X.25 protocol and the X.75 internetworking protocol.
- B. This Tariff contains rates and charges for basic protocols, X.25, X.32 and X.75, available to the general public.
- C. Enhancements (i.e., the performance of protocol conversion) to the Company's basic PulseLink® PPSN service are available to the general public on a detariffed basis through vendors who subscribe to the Company's PulseLink® PPSN service.
- D. Other costs associated with protocol conversion, not part of regulated accounts, will be passed on a detariffed basis to those vendors who market and enhance the Company's PulseLink® PPSN service.

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A29. DATA TRANSPORT SERVICE

A29.5 PulseLink® Public Packet Switching Network (PPSN) Service (Cont'd)

A29.5.1 General (Cont'd)

- E. PulseLink® PPSN service, as provided under the provisions of this Tariff section, is offered for intraLATA use only. (N)
- F. The regulations and rates specified herein are in addition to the applicable regulations and rates specified in other sections of this and other tariffs of the Company. (N)

A29.5.2 Regulations

A. Explanation Of Terms

1. General Terms

a. Access Port

The Central Office equipment necessary to provide an interface to the Company's PulseLink® Public Packet Switching Network. Access Ports are classified according to speed and protocol utilized by the customer. (N)

b. Asynchronous Transmission

Transmission in which time intervals between transmitted characters may be of unequal length but time intervals between bits within a character are fixed. Transmission is controlled by start and stop elements (bits) at the beginning and end of each character. (N)

c. Call Initiation

The point in time when common control network facilities are initially allocated to the establishment of a specific switched virtual call. (N)

d. Call Termination

The point in time when common control network facilities allocated to a specific switched virtual call are released for reuse by the network. (N)

e. Data Circuit Terminating Equipment (DCE)

The equipment that connects to the customer's access channel as the communications interface to the packet network. (N)

f. Data Terminal Equipment (DTE)

The equipment that comprises the data source, the data sink, or both and provides for the communication control function. (N)

g. Enhanced Packet

A packet associated with a transmission in which net protocol conversion occurs. (N)

h. Kilopacket

One thousand packets. (N)

i. Logical Channel

A communications channel through the network that allows simultaneous transmission of sequenced data packets through the network. No circuit capacity is preassigned to a logical channel; capacity is made available as data is transmitted. (N)

j. Network Address

Numeric character string used to specify the physical location of a DTE on the network, and the destination of each virtual call made within the network. (Provisioning USOC LDQ) (N)

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JUL 5 1991

PURSUANT TO 807 KAR 5:011,
SECTION 9 (1)

BY: Shawn Haller
PUBLIC SERVICE COMMISSION MANAGER

A29. DATA TRANSPORT SERVICE¹

(T)

A29.5 PulseLink® Public Packet Switching Network (PPSN) Service (Cont'd)

A29.5.2 Regulations (Cont'd)

A. Explanation Of Terms (Cont'd)

1. General Terms (Cont'd)

k. Octet

A group of eight binary digits operated upon as an entity.

l. Packet

Continuous sequence of binary digits of information which is switched through the network as an integral unit. A packet consists of a maximum of 4096 bits (512 octets) of user information plus additional transmission and error control information. (See packet sizes under X.25 Protocol Feature Definitions.)

(C)

m. Permanent Virtual Circuit

A virtual circuit which is established between two DTE's and remains indefinitely in the data transfer phase. No set-up or clearing procedures are required to send data across this circuit.

(C)

n. (DELETED)

(D)

o. Signaling Terminal Equipment (STE)

The equipment that provides for the X.75 protocol gateway node to Interexchange Carriers or Value Added Networks.

p. (DELETED)

(D)

q. Virtual Circuit

A logical connection across a packet switch network that emulates a point-to-point circuit by insuring data integrity, transparency and data sequence.

r. X.75 Protocol

Terminal and transit call control procedures and data transfer system on circuits between packet switched data networks.

s. X.32 Protocol

An extension of X.25 protocol that allows a customer to dial into the PulseLink® PPSN service network. The customer's terminal equipment operates in X.25 packet mode.

t. X.25 Protocol

Interface between Data Terminal Equipment (DTE) and Data Circuit-Terminating Equipment (DCE) for terminals operating in the packet mode on public data networks.

Note 1: The changes on this pages will be implemented within thirty days of the effective date.

(N)

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

MAY 10 1995

PURSUANT TO 807 KAR 5011,
SECTION 9 (1)

BY: Jordan C. Neal
FOR THE PUBLIC SERVICE COMMISSION

A29. DATA TRANSPORT SERVICE¹

(T)

A29.5 PulseLink® Public Packet Switching Network (PPSN) Service (Cont'd)

A29.5.2 Regulations (Cont'd)

A. Explanation Of Terms (Cont'd)

2. X.25 Protocol Feature Definitions

These features are offered at no additional charge, unless they appear in A29.5.3.C. following. These features meet specifications of the 1984 version of the CCITT Recommendation.

a. Call Redirection

Allows the customer to designate one or more alternate network address(es) in case the terminating network address is unavailable at the time of communication. These one or more alternate network address(es) comprise a back-up list. This list has a maximum of seven addresses.

b. Closed User Group (CUG)

A number of users of the PulseLink® PPSN service network who can communicate with one another, but whose access is barred to and from all others outside the CUG.

c. CUG Incoming Access Barred

Allows a member of a CUG to originate calls to other members of that CUG but not receive incoming calls from members of that CUG.

d. CUG with Incoming Access

Allows a member of a CUG to receive incoming calls from any DTE not in a CUG and from any DTE with the "CUG with Outgoing Access" feature.

e. CUG Outgoing Access Barred

Allows a member of a CUG to receive calls from other members of that CUG but not originate any calls to members of the CUG.

f. CUG with Outgoing Access

Allows a member of a CUG to make outgoing calls to any DTE not in a CUG and to any DTE with the "CUG with Incoming Access" feature.

g. D-Bit Modification

Allows DTE's implemented prior to the introduction of the X.25 D-bit procedure to operate within a network that supports this procedure. D-bit allows the user to indicate whether there should be end-to-end acknowledgement or local acknowledgement for delivery of transmitted data.

h. Direct Call

At service establishment the customer provides a network address to which all communications will be automatically sent. The customer can override this feature by designating a different network address at call set-up. Direct Call is available at no additional charge.

i. Fast Select

Feature which the user can request on a per call basis. It allows a maximum of 128 octets of user information to be included in the call request packet. (C)

Note 1: The changes on this page will be implemented within thirty days of the effective date. (N)
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PURSUANT TO 807 KAR 50.11,
SECTION 9 (1)

BY: Gordon C. Neel
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A29. DATA TRANSPORT SERVICE¹

(T)

A29.5 PulseLink® Public Packet Switching Network (PPSN) Service (Cont'd)

A29.5.2 Regulations (Cont'd)

A. Explanation Of Terms (Cont'd)

2. X.25 Protocol Feature Definitions (Cont'd)

j. Fast Select Acceptance

Authorizes the DCE to transmit to the DTE incoming calls which request the fast select facility. Applies to all logical channels capable of receiving calls.

(T)

k. Flow Control Parameter Negotiation

Permits negotiation on a per call basis of the flow control parameters (packet size and window size for each direction of data transfer) associated with a given virtual call. (See Packet Sizes.)

l. Incoming Calls Barred

Causes the DCE to prevent incoming calls from being presented to the DTE. The DTE may originate outgoing virtual calls.

m. Link Level Parameters

Allows the subscriber to specify link level, window size, acknowledgement timer, number of retransmission attempts, and frame size.

n. Logical Channel

Allows the DTE to derive multiple logical channels from a single physical access line. This is accomplished by specifying the logical channel number on every packet which crosses the DTE/DCE interface.

o. Multiple Line Hunt Group

The grouping of access lines for the purpose of distributing incoming calls.

p. One-Way Logical Channel Incoming

Restricts the logical channel to receiving virtual calls only.

q. One-Way Logical Channel Outgoing

Restricts the logical channel to originating virtual calls only.

r. Outgoing Calls Barred

Applies to all logical channels on the DTE/DCE interface for virtual calls and prevents the DCE from accepting outgoing virtual calls from the DTE.

s. Packet Sizes

The maximum user data field lengths in octets. With Flow Control Parameter Negotiation, the packet size may be set on a virtual call basis to one of the following values - 16, 32, 64, 128, 256 or 512 octets.

t. Reverse Charging

A request for collect billing is signaled in the call request packet of a virtual call and only affects that particular virtual call.

u. Reverse Charging Acceptance

Authorizes the DCE to transmit to the DTE incoming calls which request the reverse charging facility.

Note 1: The changes on this page will be implemented within thirty days of the effective date.

(N)

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PURSUANT TO 807 KAR 5011,
SECTION 9(1)

BY: Jonathan C. Neal
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A29. DATA TRANSPORT SERVICE¹

(T)

A29.5 PulseLink® Public Packet Switching Network (PPSN) Service (Cont'd)

A29.5.2 Regulations (Cont'd)

A. Explanation Of Terms (Cont'd)

2. X.25 Protocol Feature Definitions (Cont'd)

v. Throughput Class Negotiation

Permits negotiation of the throughput class for each direction of data transfer associated with a virtual call. Each call is negotiated individually.

w. Two-Way Logical Channel

Allows a DTE to receive both incoming and outgoing virtual calls on a logical channel.

3. X.75 Protocol Feature Definitions

a. Fast Select Indication

A network utility used for indicating that the fast select user facility applies to that call.

b. Packet Size Indication

A network utility that can be used by any STE for negotiating the maximum data field length of data packets on a specified logical channel at the STE x/y interface for each direction of data transmission.

c. Reverse Charging

Enables virtual calls to be established between public packet-switched data networks and be billed on a collect basis.

d. Throughput Class Indication

Enables STE to specify throughput classes applying to that call.

e. Window Size Indication

Enables STE to negotiate the window size on a specified logical channel at the STE x/y interface for each direction of transmission.

B. Basis Of Offering

1. PulseLink® PPSN service is available only to subscribers within the PulseLink® PPSN service serving area.

2. Monthly rates do not include detailed monthly billing.

3. The PulseLink® PPSN service serving area is defined as all network addresses within the exchanges with access to the PulseLink® PPSN service.

4. PulseLink® PPSN service is provided subject to the availability of appropriate network facilities and equipment. (N)

C. Provision Of Service

1. PulseLink® PPSN service may be accessed through three options - Dial, Direct, and Derived Channel. Direct Access is either analog or digital.

2. Dial access into PulseLink® PPSN service utilizing asynchronous protocols is only available to those vendors who market and enhance (i.e., perform protocol conversion) the Company's basic PulseLink® PPSN service and who are authorized by the Company and applicable regulatory authorities to receive dial access.

3. Rates and charges for access to PulseLink PPSN service are specified in A29.1 and A3.2 of this Tariff and Section B3. and B7.2 of the Private Line Services Tariff. Direct access to PulseLink® PPSN service may also be provided from Section E7. of the Access Services Tariff and Section 7 of the BellSouth FCC #1, Interstate Access Tariff. (T)

Note 1: The changes on this page will be implemented within thirty days of the effective date. (N)

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PURSUANT TO 807 KAR 5.011,
SECTION 9(1)

BY: James A. Neal
FOR THE PUBLIC SERVICE COMMISSION

A29. DATA TRANSPORT SERVICE ¹

A29.5 PulseLink® Public Packet Switching Network (PPSN) Service (Cont'd)

A29.5.2 Regulations (Cont'd)

C. Provision Of Service (Cont'd)

4. Rates and charges contained in this Tariff consist of the following elements:
 - a. Basic Protocol Transport contains monthly recurring charges.
 - b. Access Ports contain nonrecurring and monthly recurring charges. An Access Port is required per access line terminated into the PulseLink® PPSN service.
 - c. Network Feature Charges contain nonrecurring charges.
5. Basic Protocol Transport charges provide the shared network facilities used to transport customer packet data. These charges are applicable on a monthly basis for each Access Port type and speed.
6. All Service Connection Charges for PulseLink® PPSN service Access Ports are included in the respective nonrecurring charges specified herein. Service Charges from Section A4. of this Tariff are not applicable. (T)
7. Suspension of service is not allowed. (T)

A29.5.3 Rates And Charges

A. PulseLink® PPSN Service Basic Protocol Transport Charges

1. Transport charges

a. X.25, X.32 Transport (T)

(1) Per Access Port

- | | Monthly
Rate | USOC |
|------------------------|-----------------|-------|
| (a) 1.2, 2.4, 4.8 Kbps | \$20.00 | PPRLS |
| (b) 9.6 Kbps | 30.00 | PPR96 |
| (c) 56 Kbps | 90.00 | PPR56 |

b. X.75 Transport (T)

(1) Per Access Port

- | | | |
|--------------|--------|-------|
| (a) 9.6 Kbps | 50.00 | PPT96 |
| (b) 56 Kbps | 110.00 | PPT56 |

c. Asynchronous Transport (T)

(1) Per Access Port

- | | | |
|------------------------|-------|-------|
| (a) 1.2, 2.4, 4.8 Kbps | 20.00 | PPALS |
| (b) 9.6 Kbps | 30.00 | PPA96 |

(2) Per Access Port (Subrate Multiplexed)

- | | | |
|-------------------------------------------|-------|-------|
| (a) Per group of twenty 2.4 Kbps channels | 40.00 | PPAAP |
|-------------------------------------------|-------|-------|

Note 1: The changes on this page will be implemented within thirty days of the effective date.

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PURSUANT TO 807 KAR 5:011,
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FOR THE PUBLIC SERVICE COMMISSION

A29. DATA TRANSPORT SERVICE¹

(T)

A29.5 PulseLink® Public Packet Switching Network (PPSN) Service (Cont'd)

A29.5.3 Rates And Charges (Cont'd)

B. PulseLink® PPSN Service Access Port Charges

The PulseLink® PPSN service Access Port provides the interface to the Company's PulseLink® Public Packet Switching Network service.²

1. Basic Protocol Access Ports

(T)

a. X.25 Interface

(N)

(1) Per Access Port

(N)

	Nonrecurring Charge	Monthly Rate	USOC
(a) 1.2 Kbps Access Port	\$110.00	\$15.00	NUP12
(b) 2.4 Kbps Access Port	110.00	15.00	NUP24
(c) 4.8 Kbps Access Port	110.00	15.00	NUP48
(d) 9.6 Kbps Access Port	135.00	60.00	NUP96
(e) 56 Kbps Access Port	135.00	120.00	NUP56

b. X.75 Interface

(1) Per Access Port

- (a) 9.6 Kbps Access Port
- (b) 56 Kbps Access Port

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(N)

(N)

(N)

(N)

c. X.32 Interface

- (a) 2.4 Kbps Access Port
- (b) 9.6 Kbps Access Port

MAY 10 1995

PURSUANT TO 807 KAR 5011,
SECTION 19(1)

(N)

(N)

(N)

2. Asynchronous Protocol Access Ports

a. Asynchronous Interface

(1) Per Access Port

- (a) 1.2 Kbps Access Port
- (b) 2.4 Kbps Access Port
- (c) 4.8 Kbps Access Port
- (d) 9.6 Kbps Access Port

BY: Arthur S. Neal
FOR THE PUBLIC SERVICE COMMISSION

(N)

(N)

105.00	15.00	APM12
105.00	15.00	APM24
105.00	15.00	APM48
105.00	60.00	APM96

Note 1: The changes on this page will be implemented within thirty days of the effective date.

(M)

(N)

Note 2: In addition to the Access Port, access to PulseLink® PPSN service requires a Data Transport Access Channel, at rates and charges as specified in A29.2 of this Tariff for Dial Access and Section B3. and B7.2 of the Private Line Services Tariff for Direct Access. Intrastate Direct Access is available from Section E7. of the Access Services Tariff. Interstate Direct Access is available from Section 7 of BellSouth Telecommunications, Inc. FCC No. 1, the Interstate Access Tariff. Central Office Data Sets are also required, at rates and charges as specified in A29.2.3 of this Tariff.

(T)

SOUTH CENTRAL BELL
TELEPHONE COMPANY
KENTUCKY

ISSUED: April 10, 1995
BY: M. H. Greene, President - KY
Louisville, Kentucky

GENERAL SUBSCRIBER SERVICES TARIFF

PSC KY. TARIFF 2A
First Revised Page 6.7.1
Cancels Original Page 6.7.1
EFFECTIVE: May 10, 1995

A29. DATA TRANSPORT SERVICE ¹

(T)

A29.5 PulseLink® Public Packet Switching Network (PPSN) Service (Cont'd)

A29.5.3 Rates And Charges (Cont'd)

B. PulseLink® PPSN Service Access Port Charges (Cont'd)

2. Asynchronous Protocol Access Ports (Cont'd)

b. Asynchronous Interface

(N)

(2) Per Access Port (Subrate Multiplexed)²

(N)

	Nonrecurring Charge	Monthly Rate	USOC	
(a) Per group of twenty 2.4 Kbps channels	\$195.00	\$80.00	APM2M	(M)
3. (DELETED)				(D)(M)
4. (DELETED)				(D)(M)
5. (DELETED)				(M)

C. Network Feature Charges

1. The following features are charged as specified. All other network features are offered at no additional charge with initial subscription to the associated PulseLink® PPSN service Access Port.

a. Specific Feature Charges

(1) Call Redirection

(a) Each back-up list per address

36.00

-

SG92X

Note 1: The changes on this page will be implemented within thirty days of the effective date.

(N)

Note 2: Derived Data Channel Service (DDCS) is required to access PulseLink® PPSN utilizing this port. Rates and charges for DDCS are specified in A29.1.3 of this Tariff. A Central Office Data Set is not required with this port.

(M)

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PURSUANT TO 807 KAR 5011,
SECTION 9(1)

BY: Gordon C. Neal
FOR THE PUBLIC SERVICE COMMISSION

ISSUED: June 4, 1991
BY: S. S. Dickson, President-KY
Louisville, Kentucky

EFFECTIVE: July 5, 1991

A29. DATA TRANSPORT SERVICE

A29.5 PulseLink® Public Packet Switching Network (PPSN) Service (Cont'd)

A29.5.3 Rates And Charges (Cont'd)

C. Network Feature Charges (Cont'd)

1. (Cont'd)

a. Specific Feature Charges (Cont'd)

(2) Closed User Group

	Nonrecurring Charge	Monthly Rate	USOC	
(a) Each group (includes first member)	\$22.00	\$-	LDJ	(N)
(b) Each additional member	12.00	-	LDJ1X	(N)
(3) Multiple Line Hunt Group				(N)
(a) Establishment of first line in Hunt Group	42.00	-	URM	(N)
(b) Each additional line	16.00	-	URM1X	(N)
b. Feature Change Charge applies to any type of PulseLink® PPSN service Access Port when a network feature or group of features is added or changed subsequent to the initial service establishment of the affected Access Port. This charge does not apply to the features contained in C.1.a. preceding.				(N)
(1) Feature Change Charge				(N)
		Nonrecurring Charge	USOC	
(a) Each occurrence, per Access Port affected		\$115.00	\$G9SX	(N)

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SECTION 9 (1)

BY: Sharon Helle
PUBLIC SERVICE COMMISSION MANAGER

EFFECTIVE: April 25, 1988

A29. DATA TRANSPORT SERVICE

A29.6 AccuPulse* Service

A29.6.1 General

- A. AccuPulse service is a digital, switched service that provides full duplex, 56 kilobits per second information transport via a specially equipped two-wire AccuPulse Access Line. (N)
- B. AccuPulse Access Lines allow a maximum of 56 kbps digital calls, except as referenced in A29.6.2.C. AccuPulse Access Lines are not voice functional. (N)

A29.6.2 Regulations

- A. Explanation of Terms (N)

ACCUPULSE ACCESS LINE (N)

The term AccuPulse Access Line refers to the non-loaded facility connecting the customer premises to the AccuPulse switching equipment and is similar to an individual business line. (N)

ACCUPULSE ARRANGEMENT (N)

The term AccuPulse Arrangement refers to the equipment required in the Central Office per line to support 56 kbps data transport over the AccuPulse Access Line. (N)

ACCUPULSE NETWORK CALL (N)

An AccuPulse Network Call refers to a call placed from one AccuPulse Local Line to another AccuPulse Local Line whether or not the lines are served from the same AccuPulse Serving Central Office. (N)

ACCUPULSE NORMAL SERVING AREA (N)

The AccuPulse Normal Serving Area is defined by the technical limitations of each specific serving arrangement and in the Company's judgment are necessary to accommodate the data transmission without excessive degradation. (N)

ACCUPULSE REMOTE ACCESS LINE (N)

The term AccuPulse Remote Access Line refers to an AccuPulse Access Line when the service is provided using the AccuPulse Remote Capability: (N)

ACCUPULSE REMOTE CAPABILITY (N)

The term AccuPulse Remote Capability refers to the facilities and equipment necessary to extend an AccuPulse Access Line to certain customers who are served by central offices other than an AccuPulse Serving Central Office. (N)

ACCUPULSE SERVING CENTRAL OFFICE (N)

The term AccuPulse Serving Central Office refers to the Central Office containing AccuPulse switching equipment. (N)

SERVING WIRE CENTER (N)

The term Serving Wire Center denotes the local telephone central office assigned to subscribers in a well defined area. A Serving Wire Center may be further designated by the Company as an AccuPulse Serving Central Office. (N)

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PURSUANT TO 807 KAR 5:011,
SECTION 9 (1)

BY: Charles L. Hill
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EFFECTIVE: April 25, 1988

A29. DATA TRANSPORT SERVICE

A29.6 AccuPulse* Service(Cont'd)

A29.6.2 Regulations (Cont'd)

B. Basis of Offering

1. AccuPulse service is furnished in conjunction with intraLATA communications provided by the Company. InterLATA communications are supported through the Access Services Tariff. (N)
2. AccuPulse service is provided subject to the availability of appropriate network facilities and is normally provided from the closest designated AccuPulse Serving Central Office. Telephone numbers for AccuPulse Access Lines will be assigned from the AccuPulse Serving Central Office. (N)
3. The minimum billing period will be one month. (N)
4. The Company shall not be responsible if changes in any of the equipment, operations, or procedures of the Company utilized in the provision of AccuPulse service render any facilities provided by a customer obsolete or require modification or alteration of such equipment or system or otherwise affect its use or performance. (N)
5. Suspension of service is not allowed. (N)
6. Regulations for Allowance for Interruptions apply as specified in A2.4.4. of this Tariff. (N)
7. When AccuPulse Remote Capability is purchased, the mileage charges will be calculated as follows: (N)
The interoffice mileage charge will be based on the airline mileage between the AccuPulse Serving Central Office and the customer's Serving Wire Center. Airline distance between Company central offices is to be developed from V&H coordinates listed in the National Exchange Carrier Association (NECA) Tariff, FCC No. 4. (N)

C. Provision of Service

1. Calls placed on AccuPulse Access Lines to other AccuPulse Access Lines will be billed as shown in A29.6.3.D. AccuPulse Network calls will be billed for each increment of usage or portion thereof. (N)
2. Usage will be billed to the originating end of the AccuPulse Network Call. Toll charges, if applicable, will apply in addition to the AccuPulse service rates and charges. (N)
3. AccuPulse service requires the use of customer premises equipment which is compatible with Company facilities. (N)
4. Touch-Tone signaling is required for each AccuPulse Access Line. (N)
5. AccuPulse Access Lines may be grouped similarly to individual business lines. If Grouping Service is desired, Flat Rate Grouping Service Charges would apply as stated in Section A3. of this Tariff. (N)
6. In addition to charges stated in this Tariff, the End User Common Line Charge from the BellSouth FCC No. 1 Tariff (applicable to individual business lines) is applicable to AccuPulse Access Lines. (N)
7. Certain Optional Features are available at the rates provided in the applicable sections of the Tariff for these features, subject to availability of appropriate network facilities and the compatibility of the features with AccuPulse service. (N)
8. Digital information transmission rates of less than 56 kbps may be accomplished as a function of the particular customer premises equipment connected to an AccuPulse Access Line. (N)

PUBLIC SERVICE COMMISSION
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PURSUANT TO 807 KAR 5:011,
SECTION 9(1)

BY: Glenn L. Lee
PUBLIC SERVICE COMMISSION MANAGER

ISSUED: March 25, 1988
BY: S. S. Dickson, Vice President
Louisville, Kentucky

EFFECTIVE: April 25, 1988

A29. DATA TRANSPORT SERVICE

A29.6 AccuPulse* Service(Cont'd)

A29.6.2 Regulations (Cont'd)

C. Provision of Service (Cont'd)

9. Customer premises equipment associated with AccuPulse service is subject to the limitations specified in the Bell Communications Research, Inc., Technical Reference, "DATAPATH* Network Access Interface Specifications," TR-EOP-000277, until such time as the FCC adapts registration rules for the service under Part 68 of their Rules and Regulations. This Technical Reference is available from:

BCR Documentation Center
60 New England Avenue
Room DSC 1A218
Piscataway, New Jersey 08854

A29.6.3 Rates And Charges

- A. These rates and charges are applicable in addition to the rates and charges for other services and features.

1. AccuPulse Arrangement

	Nonrecurring Charge	Monthly Rate	USOC	
(a) Per line within AccuPulse Normal Serving Area	\$275.00	\$30.00	SDM1A	(N)
2. AccuPulse Access Lines				(N)
(a) Each, AccuPulse Access Line	425.00	20.00	DHK1M	(N)
or				(N)
(b) Each, AccuPulse Remote Access Line (use instead of (a) preceding when AccuPulse Remote Capability is purchased)	425.00	20.00	FDKXE	(N)
3. Touch-Tone Service ¹				(N)
(a) Per Line	-	-	TTB	(N)

B. Optional Feature Charges

Optional features may be provided at the same rates provided for non-AccuPulse equipped Network Access Lines subject to compatibility restrictions. A list of optional features will be provided upon request.

C. AccuPulse Network Call Usage Charges

The following charges apply whenever an AccuPulse Network Call is established.

1. AccuPulse Network Call

	Rate	USOC	
(a) Initial one minute or fraction thereof, per call	\$.12	NA	(N)
(b) Additional minute increment or fraction thereof	.10	NA	(N)

2. Applicable rate discount periods are the same as for Measured Rate Service as found in Section A3. of this Tariff. (N)

Note 1: Touch-Tone charges in Section A13. of this Tariff for an individual business line are applicable. (N)

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

APR 25 1988

PURSUANT TO 807 KAR 5:011,
SECTION 9.41)

BY: James H. Miller
PUBLIC SERVICE COMMISSION MANAGER

BELLSOUTH
TELECOMMUNICATIONS, INC.
KENTUCKY
ISSUED: June 24, 1999
BY: E.C. Roberts, Jr., President - KY
Louisville, Kentucky

GENERAL SUBSCRIBER SERVICES TARIFF

PSC KY. TARIFF 2A
Third Revised Page 10
Second Revised Page 10
EFFECTIVE: July 25, 1999
PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

A29. DATA TRANSPORT SERVICE JUL 25 1999

A29.6 AccuPulse Service (Cont'd)

PURSUANT TO 807 KAR 5:011,
SECTION 9 (1)

A29.6.3 Rates And Charges (Cont'd)

C AccuPulse Network Call Usage Charges (Cont'd)

3. When messages span more than one rate period, total charges for the minutes used are summarized. The results for each rate period are totaled to obtain the total message charge.

D. AccuPulse Remote Capability Charge

When a customer who is served by an office other than an AccuPulse Serving Central Office and who is within the AccuPulse Normal Serving Area of that office orders AccuPulse service, the following charges apply in addition to those in A29.6.3.A. These charges apply to each line that is extended.

1. AccuPulse Remote Capability Interoffice¹
Channel Charge (per line)

	Nonrecurring Charge	Monthly Rate	USOC
(a) First mile	\$425.00	\$40.00	1LNSX
(b) Each additional mile or fraction thereof	-	1.50	1LNSG

E. Service Charges

All service connection charges for AccuPulse Arrangement, AccuPulse Access Line and AccuPulse Remote Capability are included in their respective nonrecurring charges preceding. Service Charges from Section A4. of this Tariff are not applicable.

A29.7 Administrative Management Service (AMS)

A29.7.1 Description of Service

A. General

Administrative Management Service provides customers a single point of access to other Company network management products, and provides the customers greater control of and additional information about the network services they purchase from the Company. Although most Operation Support Systems (OSS) are optional on a nominal business day, AMS will be provided on a 24 hour basis for continuous usage of those systems that are accessible 24 hours. (C)

B. Customer Access

Customers will have access to Administrative Management Service through a customer provided VT100 terminal with a choice of up to 2400 bits per second (bps) dial access or dedicated 9600 bps private line. (C)

C. Maintenance and Operation

Due to the nature of Administrative Management Service, it may be necessary to perform preventive and routine maintenance on the system. At such times, the customer will be notified in advance as to the time and duration of these outages.

Note 1: Refer to the National Exchange Carrier Association (NECA) Tariff, F.C.C. No. 4, for mileage measurement methodology and wire center V & H coordinates.

BELLSOUTH
TELECOMMUNICATIONS, INC.
KENTUCKY
ISSUED: June 24, 1999
BY: E.C. Roberts, Jr., President - KY
Louisville, Kentucky

GENERAL SUBSCRIBER SERVICES TARIFF

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Cancels First Revised Page 11
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A29. DATA TRANSPORT SERVICE

A29.7 Administrative Management Service (AMS) (Cont'd)

A29.7.2 Explanation of Terms

PRODUCT AND SERVICE INFORMATION

This function provides the following Central Office information: CLLI codes, switch type, V&H coordinates, network access lines, host information (if applicable), switch location, and equal access information.

TROUBLE ENTRY/STATUS

This function offers mechanized access for the customer to electronically report and receive information about trouble reports and to record and track trouble reports.

SERVICE ORDER ENTRY

The customer will have access to a mechanized interface for use when ordering service.

MISCELLANEOUS MESSAGING

This service provides the customer with a communication path to designated Company locations.

BILLING INFORMATION

The customer will have access to his records, whereby he may gain information about his last and current bill amount and any payments or adjustments posted to date. He will also have access to his Customer Service record which provides detailed information about his services provided by the Company.

(DELETED)

(D)

(DELETED)

(D)

A29.7.3 Regulations

A. Basis of Offering

Administrative Management Service will be available where appropriate facilities are available.

Administrative Management Service will provide the customer the following capabilities:

- Product and Service Information
- Trouble Entry/Status
- Service Order Entry
- Miscellaneous Messaging
- Billing Information

(DELETED)

(D)

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PURSUANT TO 807 KAR 5.011.
SECTION 9 (1)
By: Stephan O. Bell
SECRETARY OF THE COMMISSION

BELLSOUTH
TELECOMMUNICATIONS, INC.
KENTUCKY
ISSUED: June 24, 1999
BY: E.C. Roberts, Jr., President - KY
Louisville, Kentucky

GENERAL SUBSCRIBER SERVICES TARIFF

PSC KY. TARIFF 2A
Second Revised Page 12
Cancels First Revised Page 12
Effective July 25, 1999
PUBLIC SERVICE COMMISSION
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A29. DATA TRANSPORT SERVICE

A29.7 Administrative Management Service (AMS) (Cont'd)

A29.7.3 Regulations (Cont'd)

A. Basis of Offering (Cont'd)

The Company shall not be responsible if changes in any of the equipment, operations, or procedures of the Company utilized in the provision of Administrative Management Service render any facilities provided by a customer obsolete or require modification or alteration of such equipment or system or otherwise affect its use or performance.

The Company will assist the customer in resolving any installation or day to day channel service problems. However, the Company does not assume responsibility for the compatibility or suitability of the customer's equipment.

Dispatches to customer premises caused by customer equipment troubles may result in a Trouble Location charge to the customer, as provided in Section A4. of this Tariff.

B. Provision of Service

Customer access to Administrative Management Service may be either dial/shared or dedicated.

For dial/shared access, the customer will be required to provide a terminal, a modem, and dial tone at his premises. Provided the customer's premises resides in the Company LATA, the customer will dial a non-toll access number which furnishes access to AMS. If the customer's premises does not reside in the Company LATA, the customer must obtain an access line to a Company location from which the Company offers access to AMS. The AMS port will be assigned a seven-digit number to enable the customer to access this port. If a customer desires multiple telephone numbers to access AMS, an additional port charge will be required for each additional telephone number requested. Individual customer data will be kept secure via the AMS password security system.

Dedicated access will be provided at 9600 bps for a customer wanting continuous access to Administrative Management Service. The customer will be required to provide at his premises a terminal and a modem and to obtain a dedicated data circuit to a location designated by the Company at which the Company provides access to Administrative Management Service.

The customer will be responsible for installation, maintenance and testing of customer-provided terminal equipment.

C. Special Service Arrangement

Unique customer applications will be provided as specified in A5.4.1 of this Tariff.

A29.7.4 Application of Rates

A. Service Establishment

For the initial establishment of each Administrative Management Service customer, a nonrecurring Service Establishment charge will apply. These charges do not apply for any subsequent Port Access additions.

B. Usage Charge

A recurring Usage charge is required based on the customer's estimate of the maximum number of transactions that will be performed per month. If this predetermined number of transactions is exceeded for any given month, then for that month an additional per transaction charge will apply to each transaction in excess of the estimated maximum.

C. User ID Charge

The User ID charge is a nonrecurring charge per customer.

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(C)

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GENERAL SUBSCRIBER SERVICES TARIFF

PSC KY. TARIFF 2A
Second Revised Page 13
Cancels First Revised Page 13
EFFECTIVE: July 25, 1999

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

A29. DATA TRANSPORT SERVICE

A29.7 Administrative Management Service (AMS) (Cont'd)

A29.7.4 Application of Rates (Cont'd)

D. Port Access

Port Access, which is required for each access capability desired by the customer, includes a nonrecurring charge and a recurring rate.

A customer desiring shared ports may request dial access to AMS. For dial access the Company will provide a local (non-toll) access number. This will allow the individual customer data to be kept secure via the Administrative Management Service password security system.

A customer desiring a dedicated access port to Administrative Management Service will be required to provide at his premises a terminal and a modem and to obtain a 9600 bps private line to the location at which the Company provides access to Administrative Management Service. The charge for the private line is in addition to the charges for the dedicated access port.

(DELETED)

(D)

E. Functions

Access to the required background OSS will be provided via the normal control network at each System.

- For each function described in A29.7.6.E.1.(a)-(e) a recurring rate applies.

(DELETED)

(D)

(DELETED)

(D)

F. Payment Schedules

1. Administrative Management Service is offered with the following payment periods:

Month to Month Payment Plan (One month option)

24 to 48 Month Term Payment Plan

49 to 72 Month Term Payment Plan

2. Administrative Management Service customers may select variable payment periods under the Term Payment Plan.

3. The monthly rate for Administrative Management Service is dependent upon the payment period selected by the customer.

4. The monthly rate for Administrative Management Service under the Term Payment Plan for the periods of 24 to 48 or 49 to 72 months is not subject to Company initiated rate changes.

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A29. DATA TRANSPORT SERVICE

A29.7 Administrative Management Service (AMS) (Cont'd)

A29.7.4 Application of Rates (Cont'd)

G. Expiration of Payment Period

1. Administrative Management Service customers must upon the expiration of their payment period:
 - a. Select a new payment period as offered in the current tariff, or¹
 - b. Revert to the current tariff rates for the one month payment option if the customer does not select a new payment period.¹
2. Administrative Management Service customer may at any time during his selected payment period resubscribe for an equal or longer payment period at the current tariff rates subject to the following conditions.
 - a. No credit will be given for payments made during the formerly selected period. Nonrecurring charges and installation charges will not be reapplied.
 - b. The new payment period begins with the billing date following the date the new payment period is requested.
 - c. No termination charge applies for the former payment period.
 - d. A *Secondary*² Service Charge as specified in Section A4. of this Tariff will apply. (T)
3. Administrative Management Service customer may at any time during his selected payment period resubscribe for a payment period, shorter in length than the time remaining in the existing service agreement, subject to the following conditions:
 - a. No credit will be given for payments made during the formerly selected period. Nonrecurring charges and installation charges will not be reapplied.
 - b. The new payment period begins with the date requested.
 - c. A termination charge will be applied which represents the remaining amount of the longer contract less the total amount of the shorter contract. (Difference is the remaining amount of the original contract and the total amount to be paid with the shorter contract.)
 - d. A Service Charge as specified in Section A4. of this Tariff will apply. (T)

H. Termination Liability

1. One Month Payment Plan - there is no termination liability for this option other than the initial service period as specified in F. preceding.
2. Term Payment Plan Option - 90 percent of the remaining amount due.

I. Allowance for Interruptions

1. When service is interrupted due to a failure or malfunction of the Administrative Management Service, a pro rata adjustment of the appropriate Administrative Management Service monthly charges will be allowed at the request of the subscriber if the total system is unavailable for more than a twenty four hour period and in accordance with the regulations specified in Section A2. of this Tariff.
2. No allowances will be granted for interruptions required to perform preventive or routine maintenance, or to perform software updates when the customer is notified at least 24 hours prior to such occurrences.

Note 1: A *Secondary* Service Charge as specified in Section A4. of this Tariff will apply. (T)

Note 2: This change results from the restructure of Section A4. and is to be implemented November 9, 1995. (N)

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BELLSOUTH
TELECOMMUNICATIONS, INC.
KENTUCKY
ISSUED: June 24, 1999
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GENERAL SUBSCRIBER SERVICES TARIFF

PUBLIC SERVICE
OF KENTUCKY
EFFECTIVE
JUL 25 1999
PSC KY. TARIFF 2A
Third Revised Page 15
Cancels Second Revised Page 15
SECTION 9(1)
JUL 25 1999

A29. DATA TRANSPORT SERVICE

A29.7 Administrative Management Service (AMS) (Cont'd)

A29.7.5 Connections

A. Security

1. Extra security layers are provided which allow individual clients to customize access capabilities for each of their users. Both client information files and the Company computer systems are kept secure from intrusion.
2. Administrative Management Service security uses the concept of a "usertype", which is simply a variable referring to a subset of the service that can be accessed by a given customer. Every user of the system must be assigned a usertype by the "admin" user during the process of adding the user to the system.

B. System Recovery

Uninterrupted power supplies are provided to prevent unexpected system shutdowns due to commercial power failure. All processes will be smoothly terminated and all buffers written to disk before a shutdown is performed. Message queues which have been built will be saved to disk files so that any established host session can be reestablished as soon as the system is brought back up following power outages.

C. (DELETED)

(D)

A29.7.6 Rates and Charges

A. A Secondary¹ Service Charge found in Section A4. of this Tariff will apply.

B. Basic Service includes the initialization of the customer's database and menu setup, multilevel security, and network administration aids.

C. Administrative Management Service - Basic Service

1. Service Establishment

	Installation Charge \$705.00	Month To Month \$-	24 to 48 Months \$-	49 to 72 Months \$-	USOC SESBC
(a) Initial Setup					
2. Usage, per Month					
(a) Up to 50 transactions	-	4.55	4.05	3.50	USD1X
(b) Up to 250 transactions	-	19.50	17.25	15.00	USD2X
(c) Up to 500 transactions	-	36.40	32.20	28.00	USD3X
(d) Excess over allocated monthly usage, per transaction			Charge \$.10		USOC USDPX
3. User ID's, per Customer					
(a) First 15			19.00		U1G1X
(b) Each Additional set of 5			19.00		U1GAX

Note 1: This change results from the restructure of Section A4. and is to be implemented November 9, 1995.

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GENERAL SUBSCRIBER SERVICES TARIFF

PSC KY. TARIFF 2A
Third Revised Page 16
Cancels Second Revised Page 16
EFFECTIVE: July 25, 1999
PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

A29. DATA TRANSPORT SERVICE

A29.7 Administrative Management Service (AMS) (Cont'd)

A29.7.6 Rates and Charges (Cont'd)

D. Port Access

I. Per Access Capability

- (a) Dial/Shared Access
- (b) Dedicated Access
- (c) **(DELETED)**

Installation
Charge
\$230.00
260.00

Month To Month
\$100.00
161.00
\$88.00
143.00
\$76.00
124.00
MD6

E. Functions

I. Per Subscribed System

- (a) Product and Service Information
- (b) Trouble Entry/Status
- (c) Service Order Entry¹
- (d) Miscellaneous Messaging
- (e) Billing Information

- 84.50 74.75 65.00 MB5PM
- 65.00 57.50 50.00 MB5TX
- 37.70 33.35 29.00 MB5SX
- 15.60 13.80 12.00 MB5MX
- 52.00 46.00 40.00 MB5BX

F. (DELETED)

Note 1: A Service Ordering charge as specified in Section A4. Of this Tariff will apply.

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